

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	391	381/300	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 18:21
S2	1	("20030219137").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 18:22
S3	7	schobben.in. and stereo and left and right and (mix\$3 composite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 18:24
S5	150	philips.AS. and stereo and left and right and (mix\$3 composite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 18:26
S6	148	faulk.xa.	USPAT	OR	OFF	2008/08/30 18:42
S7	3	((("3781475") or ("4594729") or ("4460061")).PN.	USPAT	OR	OFF	2008/08/30 18:48
S8	866	"381"/\$.ccls. and (transducer\$1 \$4speaker \$1) near10 (table floor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 18:50
S9	2	schobben.in. and stereo and left and right and (table)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 18:51
S10	93	philips.AS. and stereo and left and right and (table)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 18:52

S11	17	philips.AS. and (transducer\$1 \$4speaker \$1) near10 flat near10 surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 18:54
S12	332	"381"/\$.ccls. and (transducer\$1 \$4speaker \$1) near10 flat near10 surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 18:55
S13	159	"381"/\$.ccls. and (stereo near10 composite near10 left near10 right)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 19:01
S14	0	381/302-309	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 19:04
S15	327	"381"/\$.ccls. and (stereo near10 sum near10 difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 19:05
S16	398	"381"/\$.ccls. and (stereo near20 sum near20 difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 19:52
S17	58	"381"/\$.ccls. and (stereo near20 sum near20 difference) and (table surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 19:52
S18	50	philips.AS. and (sum near20 difference) and left and right and (mix\$3 composite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 19:57
S19	8	"381"/\$.ccls. and (stereo near20 sum near20 difference) and ((\$4speaker\$1 transducer \$1 array) near10 (mount \$3 coupl\$2 magnet\$2 suction\$3) near10 (table floor wall flat))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 11:25

S20	0	"181"/\$.ccls. and (stereo near20 sum near20 difference) and ((\$4speaker\$1 transducer \$1 array) near10 (mount \$3 coupl\$2 magnet\$2 suction\$3) near10 (table floor wall flat))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 11:38
S21	30	("4819269").URPN.	USPAT	OR	OFF	2008/08/31 11:38
S22	0	"181"/\$.ccls. and (stereo near20 sum near20 difference) and ((\$4speaker\$1 transducer \$1 array) near10 (table floor wall flat))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 11:41
S23	17	"381"/\$.ccls. and (stereo near20 sum near20 difference) and ((\$4speaker\$1 transducer \$1 array) near10 (table floor wall flat))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 11:41
S24	2	"381"/\$.ccls. and (stereo near20 sum near20 difference) and ((\$4speaker\$1 transducer \$1 array) near10 table)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 11:44
S25	10	("5784468").URPN.	USPAT	OR	OFF	2008/08/31 12:11
S26	2	"381"/\$.ccls. and (stereo near20 sum near20 difference) near20 orthogonal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 12:20
S27	11	"381"/\$.ccls. and (sum near20 difference) near20 orthogonal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 12:23
S28	22	"381"/\$.ccls. and (stereo near20 sum near20 difference) and orthogonal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 12:23
S29	21	"381"/\$.ccls. and stereo near20 orthogonal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 12:27

S30	0	S19 and piezo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 12:34
S31	0	S19 and piezo\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 12:34
S32	0	381/302-309	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 12:48
S33	932	(381/302-309).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 12:48
S34	10	381/300-310.ccls. and (stereo near20 sum near20 difference) and (vehicle table)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 12:49
S35	1	("20030219137").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 12:52
S36	1	S35 and difference	US-PGPUB; USPAT	OR	OFF	2008/08/31 12:52
S37	0	S35 and difference and sum	US-PGPUB; USPAT	OR	OFF	2008/08/31 12:52
S38	0	381/302-309	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/03/29 23:20
S39	441	381/300	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/03/29 23:20
S40	1003	(381/302-309).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/03/29 23:20

S41	1	("4819269").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/03/29 23:21
S42	1	schobben.in. and stereo and left and right and (mix\$3 composite) and (outer near5 envelope) and (elongat\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/03/29 23:24
S43	2	kakuhari.in. and error and non-directional	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/18 22:03
S44	13	("2203715" "3271735" "3579184" "3781475" "4192216" "4460061" "4594729" "4982436" "5397866" "5870484" "5887068").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/18 22:06
S45	6	("3781475").URPN.	USPAT	OR	OFF	2009/06/18 22:07
S46	1018	(381/302-309).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/18 22:08
S47	458	381/300	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/18 22:08
S48	1031	"381"/\$.ccls. and (sum near20 difference) and (sound\$5 mear10 (table surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/18 22:12
S49	226	"381"/\$.ccls. and (sum near20 difference) near20 (sound\$5 mear10 (table surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/18 22:12
S50	11	("5784468").URPN.	USPAT	OR	OFF	2009/06/18 22:47

S51	461	381/300	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/01 19:33
S52	0	381/302-309	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/01 19:33
S53	3514	"381"/\$.ccls. and (\$4speaker\$1 near10 (table surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/02 09:29
S54	2553	"381"/\$.ccls. and (\$4speaker\$1 near5 (table surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/02 09:29
S55	11	"381"/\$.ccls. and (\$4speaker\$1 near5 (table surface)) and (left near10 right near10 sum near10 difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/02 09:30
S57	1	schobben.in. and stereo and left and right and (mix\$3 composite) and locali\$3 and (residual near10 dominant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/28 15:08
S58	1	schobben.in. and stereo and left and right and (mix\$3 composite) and locali\$3 and (residual near10 dominant) and (volume near20 air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 10:55
S59	1	("5784468").PN.	USPAT; USOCR	OR	OFF	2009/12/29 10:59
S60	1	("5943430").PN.	USPAT; USOCR	OR	OFF	2009/12/29 11:00
S61	1	("5943430").PN.	USPAT; USOCR	OR	OFF	2009/12/29 11:33
S62	11	("5784468").URPN.	USPAT	OR	OFF	2009/12/29 12:56
S63	11	("6363157").URPN.	USPAT	OR	OFF	2009/12/29 13:00

S64	4	"381"/\$.ccls. and (transducer\$1 \$4speaker \$1) near10 (face near5 down) near10 (table surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 13:27
S65	0	(transducer\$1 \$4speaker \$1) near10 on near5 top near10 (table surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 13:30
S66	3238	(transducer\$1 \$4speaker \$1) near10 top near10 (table surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 13:30
S67	415	"381"/\$.ccls. and (transducer\$1 \$4speaker \$1) near10 top near10 (table surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 13:30
S68	1	schobben.in. and stereo and left and right and (mix\$3 composite) and locali\$3 and (residual near10 dominant) and (volume near20 air) and (reversi\$3) and (outer near5 envelope)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/02 18:06
S69	1	schobben.in. and stereo and left and right and (mix\$3 composite) and locali\$3 and (residual near10 dominant) and (volume near20 air) and (reversi\$3 near10 coupl \$3) and (outer near5 envelope)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/02 18:29
S70	1	schobben.in. and stereo and left and right and (mix\$3 composite) and locali\$3 and (residual near10 dominant) and (volume near20 air) and (reversi\$3 near10 coupl \$3) and (outer near5 envelope) and swivel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/02 19:32

S71	11	"381"/\$.ccls. and ((transducer\$1 \$4speaker \$1) near10 top near10 (table surface)) and swivel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/02 19:40
S72	2	"381"/\$.ccls. and sound near10 (volume gain amplitude) near10 ((one "1") near5 meter) near20 ("6" near5 db)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/02 20:34
S73	2	381/300-309	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/01/03 17:21
S74	0	381/300,302-309	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/03/13 16:22
S75	1633	(381/300-309).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/03/13 16:22
S76	0	"L3" and sound near10 (volume gain amplitude) near10 ((one "1") near5 meter) near20 ("6" near5 db)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/03/13 16:22
S83	2	schobben.in. and stereo and left and right and (mix\$3 composite) and (meter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/03/26 19:52
S84	2	delden.in. and stereo and left and right and (mix\$3 composite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/03/28 11:34
S85	1	("6154549").PN.	USPAT; USOCR	OR	OFF	2010/08/29 18:34
S86	1	schobben.in. and stereo and left and right and (mix\$3 composite) and (surface near5 coupl\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/08/29 18:39

S87	1	schobben.in. and stereo and left and right and (mix\$3 composite) and (surface near5 coupl\$3) and db	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/08/29 18:41
S88	2	schobben.in. and stereo and left and right and (mix\$3 composite) and (coupl\$3) and db	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/08/29 18:49
S89	2	schobben.in. and stereo and left and right and (mix\$3 composite) and (coupl\$3) and db and air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/08/29 18:56
S90	1694	(381/300-309).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/08/29 19:21
S91	1	("20030219137").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/08/29 19:29
S92	3	((("4778027") or ("6154549") or ("5784468")).PN.	USPAT; USOCR	OR	OFF	2010/12/03 12:35

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2860	(381/300-309,1,17-19).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/17 13:28
L2	0	L1 and (\$4speaker \$2 near10 (physical \$2 near5 (connect \$2 attach\$2 join\$2 interconnect\$3)) near20 (surface table) near20 stereo)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/17 13:31

L3	1	L1 and (\$4speaker \$2 near10 (connect \$2 attach\$2 join\$2 interconnect\$3) near20 (surface table) near20 stereo)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/17 13:32
L4	34	L1 and (\$4speaker \$2 near10 (connect \$2 attach\$2 join\$2 interconnect\$3)) and ((surface table) near20 stereo)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/17 13:33
L5	0	L1 and (\$4speaker \$2 near10 (connect \$2 attach\$2 join\$2 interconnect\$3)) and ((surface table) near20 stereo) and (spatial\$2 near10 (exten\$4) near10 (sound source audio))	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/17 13:34
L6	0	"381"/\$.ccls. and (\$4speaker\$2 near10 (connect\$2 attach\$2 join\$2 interconnect\$3)) and ((surface table) near20 stereo) and (spatial\$2 near10 (exten\$4) near10 (sound source audio))	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/17 13:35
S78	1351	(381/300-309). CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/13 16:22
S79	0	"L3" and sound near10 (volume gain amplitude) near10 ((one "1") near5 meter) near20 ("6" near5 db)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/13 16:23

S80	2	"381"/\$.ccls. and sound near10 (volume gain amplitude) near10 ((one "1") near5 meter) near20 ("6" near5 db)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/13 16:23
S81	4	"381"/\$.ccls. and ((one "1") near5 meter) near20 ("6" near5 db)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/15 10:37
S82	4	"381"/\$.ccls. and ((one "1") near5 meter) near10 ("6" near5 db)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/15 10:37
S93	1427	(381/300-309). CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/12/03 12:56
S94	2	S93 and sound near10 (volume gain amplitude) near10 ((one "1") near5 meter) near20 ("6" near5 db)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/12/03 12:56
S95	1458	(381/300-309). CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/03/17 11:40

3/ 17/ 2011 1:35:27 PM

C:\ Documents and Settings\ dfaulk\ My Documents\ EAST\ Workspaces\ 10597150.wsp